

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080826.D
 Acq On : 30 Jan 2024 19:58
 Operator : JC\MD
 Sample : P1265-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 31 02:14:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	85069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71741	48.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.165	113	55867	44.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.980%
50) Toluene-d8	10.571	98	227507	46.295	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.847	95	85331	49.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%

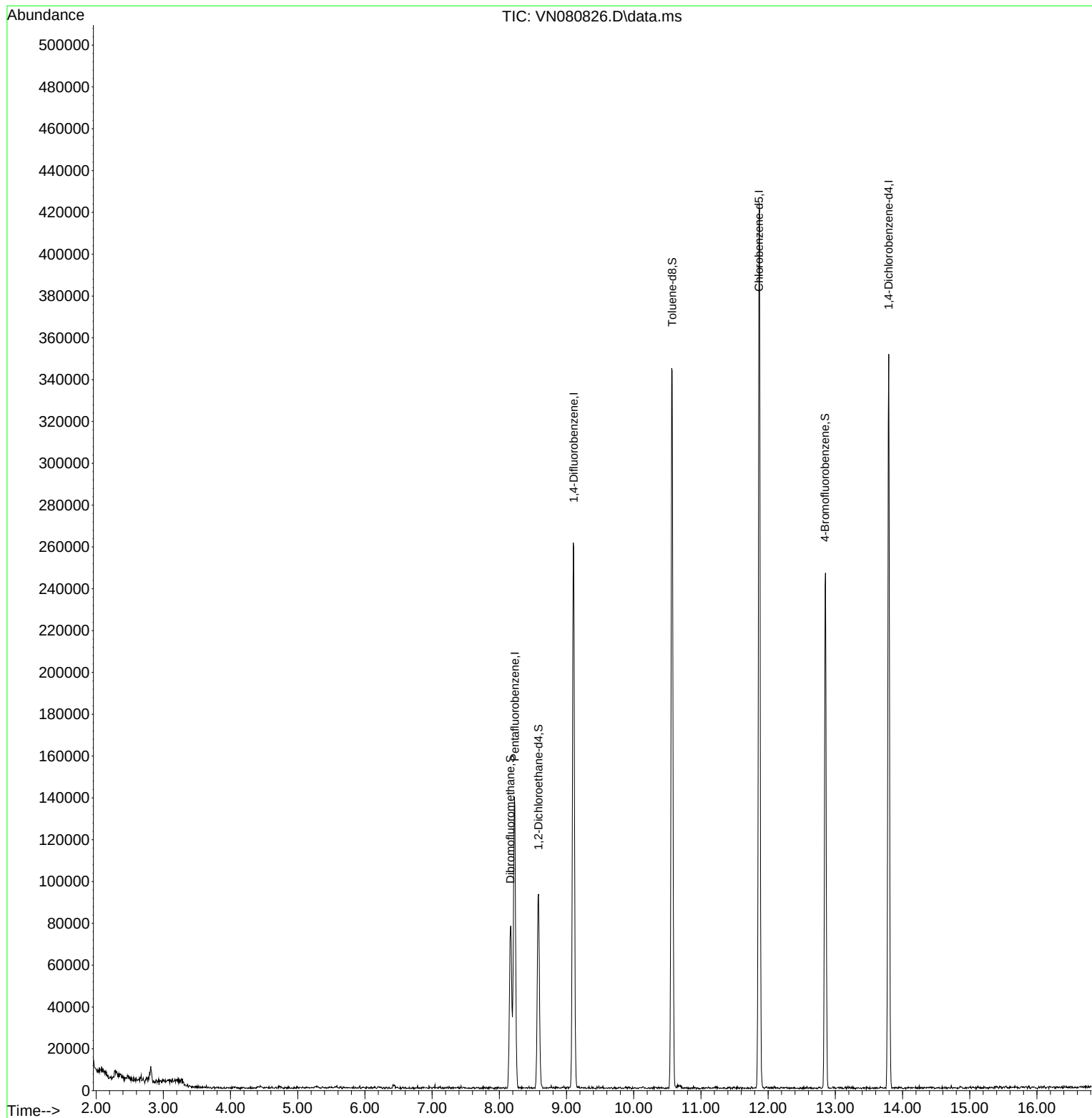
Target Compounds	Qvalue

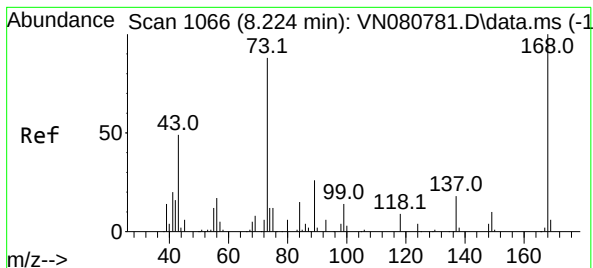
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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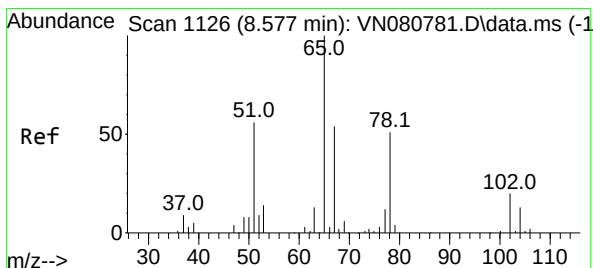
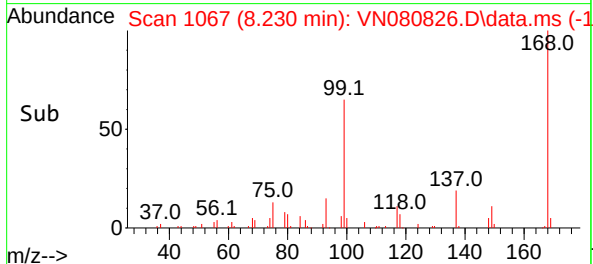
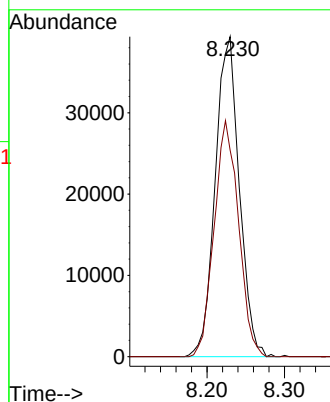
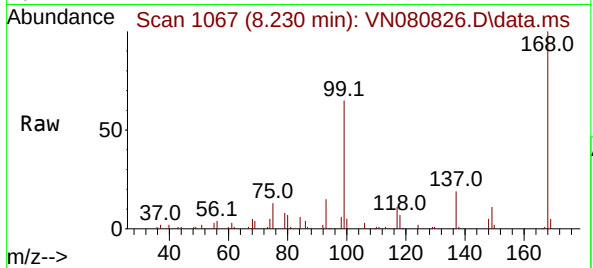




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

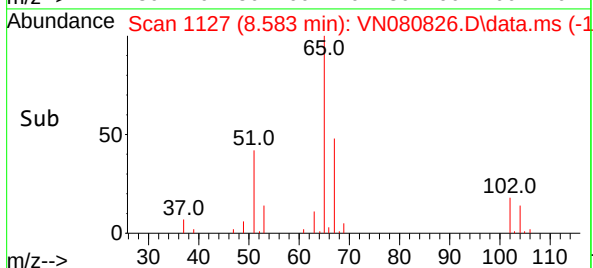
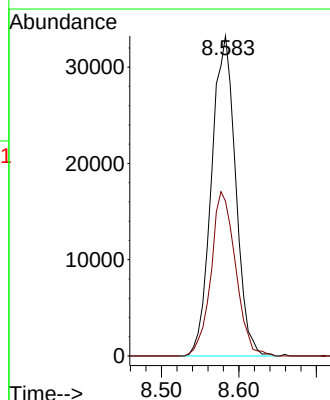
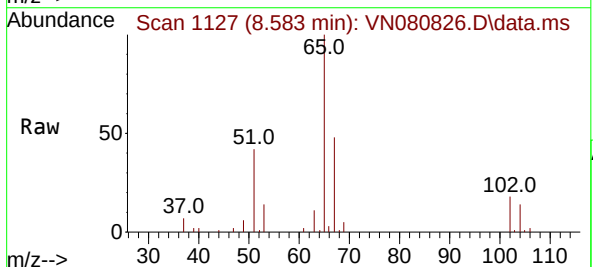
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

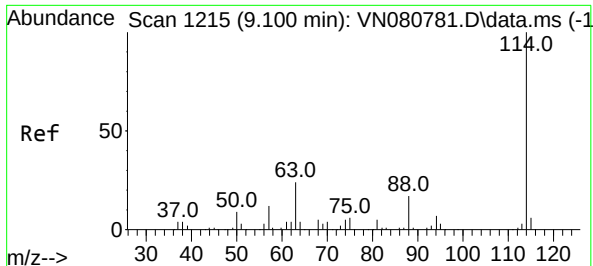
Tgt Ion:168 Resp: 85069
Ion Ratio Lower Upper
168 100
99 64.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 48.748 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion: 65 Resp: 71741
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080826.D

Acq: 30 Jan 2024 19:58

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

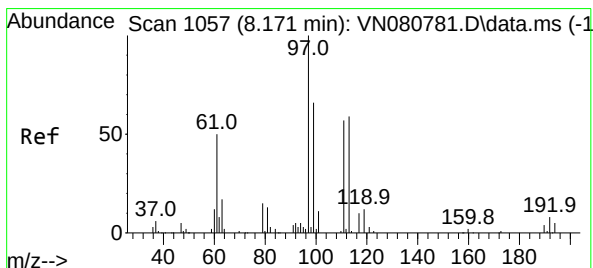
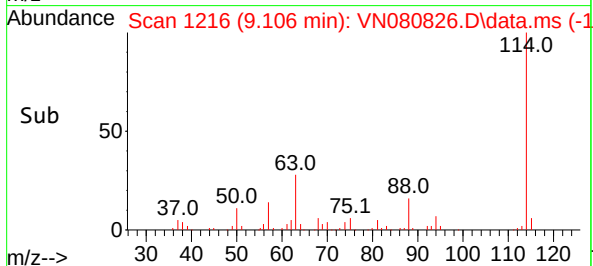
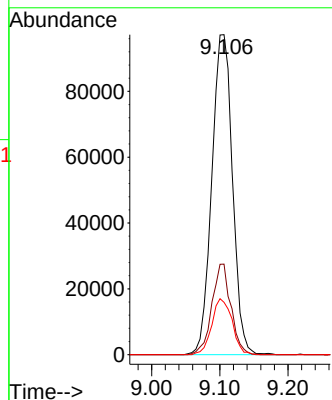
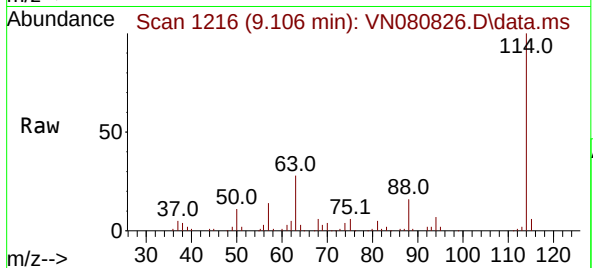
Tgt Ion:114 Resp: 205227

Ion Ratio Lower Upper

114 100

63 28.3 0.0 48.0

88 16.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 44.495 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080826.D

Acq: 30 Jan 2024 19:58

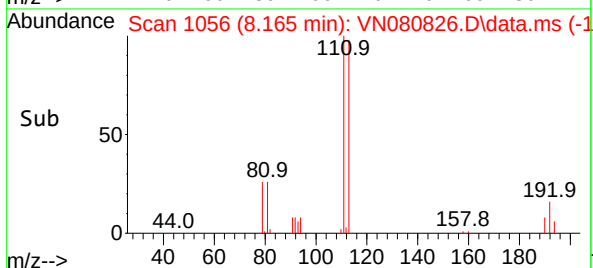
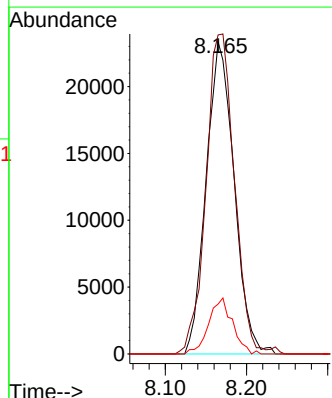
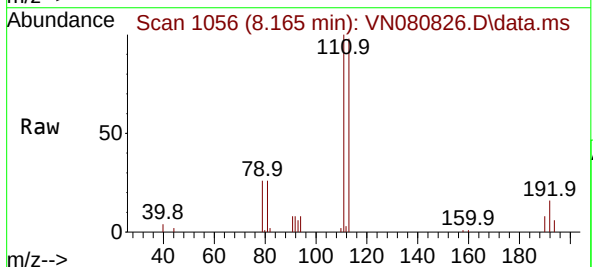
Tgt Ion:113 Resp: 55867

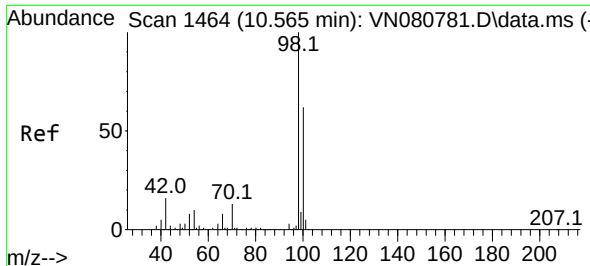
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 15.3 12.5 18.7

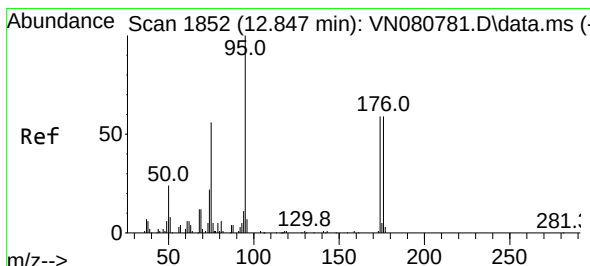
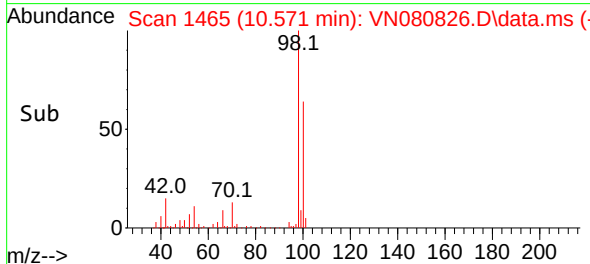
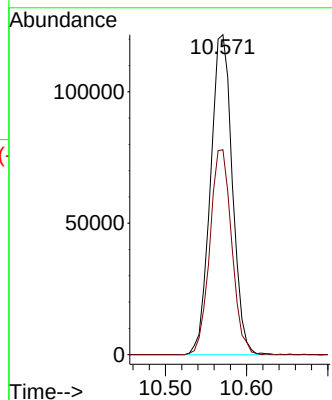
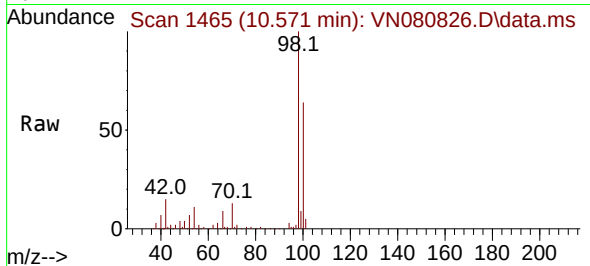




#50
Toluene-d8
Concen: 46.295 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

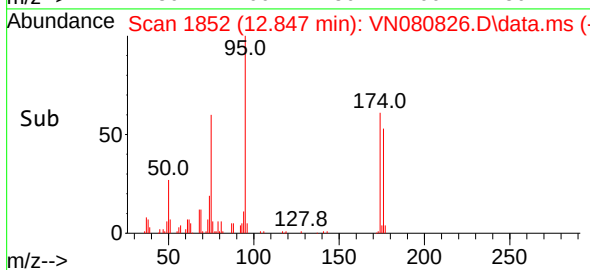
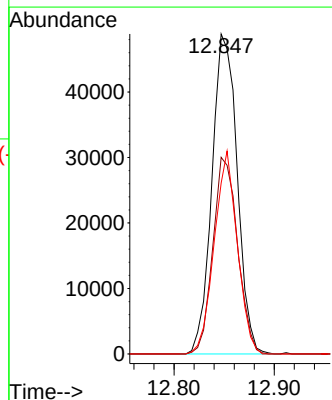
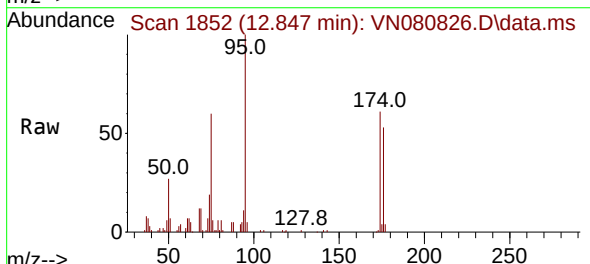
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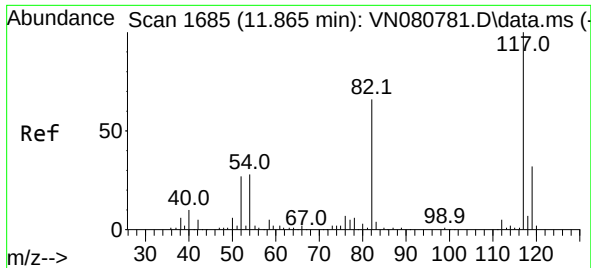
Tgt Ion: 98 Resp: 227507
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.828 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion: 95 Resp: 85331
Ion Ratio Lower Upper
95 100
174 60.2 0.0 120.4
176 57.8 0.0 121.0

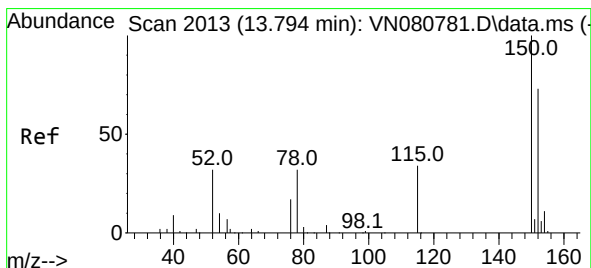
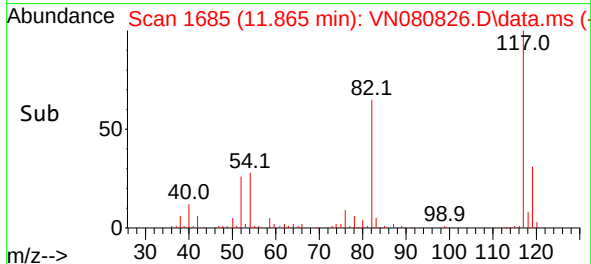
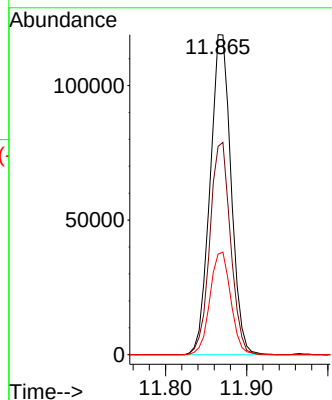
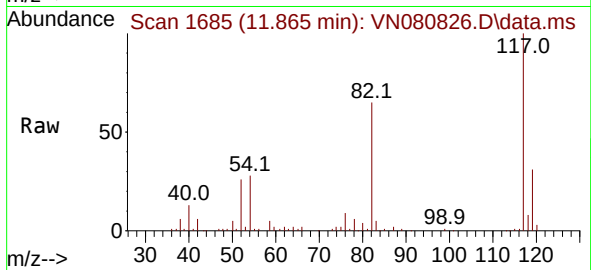




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 213208
Ion Ratio Lower Upper
117 100
82 65.1 52.7 79.1
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion:152 Resp: 78613
Ion Ratio Lower Upper
152 100
115 67.3 32.3 96.8
150 155.0 0.0 339.8

